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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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18.431 Million cell updates/sec
7, Appli
14, Appli
156, App
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53, Appli
14, Appli
15, Appli
15, Appli
17, Appli
17, Appli
18, Appli
19, Appli

                                                                                                                                                                            LENGTH: 59 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
US-07-859-453E-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 1
US-07-859-453E-7/c
US-07-859-453E-7/c
; Sequence 7, Application US/07859453E
; Patent No. 5663141
; Patent No. 5663141
                        20
                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44

COMPUTER: IBM compatible

OPERATING SYSTEM: MS-DOS Version 7.0

SOFTWARE: WordPerfect version 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/859,453E

FILING DATE: 29-MAY-1992

CLASSIFICATION: A 61 K 37/64

CLASSIFICATION: A 61 K 47/48

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP90/01998

FILING DATE: 22-NOV-1990

INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
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APPLICANT:
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CORRESPONDENCE ADDRESS:
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CITY: Washington
STATE: D.C.
COUNTRY: USA
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1 ttattgtggccatctttgtccagcat 26
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Koerwer, Wolfgang
Schweden, Juergen
Hoeffken, Hans Wolfgang
HOEMTION: Hirudin/polyalkylene
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PCT-US94-01780-2
US-08-544-955-54
US-08-621-859-54
US-08-621-859-54
US-09-075-511-54
US-09-075-511-54
US-09-099-015-54
US-09-133-508A-54
US-09-133-508A-54
US-09-135-5060-54
US-09-135-94A-14
US-09-115-934A-14
US-09-115-934A-14
US-09-115-974B-138
US-09-262-773-184
US-09-262-773-184
                                                                        Score 16.4; D
Pred. No. 47;
0; Mismatches
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e 54, A
                                                                          Gaps
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Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database

Issued\_Patents\_NA: \*

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/cgn2\_6/ptodata/2/ina/backfiles1.seq:\*

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US-07-859-453E-7
US-09-386-607-7
US-09-984A-14
US-08-857-946-156
US-08-97-740-156
US-09-038-227-53
US-09-066-597-15
US-09-066-597-15
US-08-155-938-38
US-09-068-597-2
US-08-155-938-38
US-09-099-011A-57
US-08-418-085-57
US-09-099-011A-52
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US-09-086-597-4
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US-09-389-341-4

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Minimum DB Maximum DB

seq seq

length: 0

Total number of hits satisfying chosen parameters:

351203 seqs, 113238999 residues

Perfect score: Sequence:

US-09-851-670-18 26

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26

Scoring table:

IDENTITY\_NUC
Gapop 10.0 , Gapext 1.0

Run

OM nucleic - nucleic search, using sw model

Copyright (c) 1993 - 2000 Compugen

March

Вb

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RESULT 3
US-09-079-984A-14/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 5443.414-US
CURRENT APPLICATION NUMBER: US/09/386,607
CURRENT FILING DATE: 1999-08-31
EARLIER APPLICATION NUMBER: DK98/00269
EARLIER FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 60/077,795
EARLIER FILING DATE: 1998-03-12
NUMBER OF SEQ ID NOS: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-386-607-7/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION: Okano, Fumiyoshi, Satoh, Massahiro,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Beier, Lars
APPLICANT: Frandsen, Torben
TITLE OF INVENTION: Maltogenic Alpha-Amylase Variants
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Cherry, Joel
APPLICANT: Svendsen, Allan
APPLICANT: Andersen, Carsten
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Ver.
                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                   APPLICATION NUMBER: US/09/079,984A FILING DATE: 15-MAY-1998 ATTORNEY/AGENT INFORMATION: NAME: AUSTIN R. Miller
                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 36
                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Okano, Fumiyoshi, S
APPLICANT: Yamada, Katsushige
                                                                                                                                                                                                                                                                                                                 STREET: 1600 Market
CITY: Philadelphia
REGISTRATION NUMBER: 16
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                    STATE:
                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Miller & Christenbury Intellectual Property ADDRESSEE: Department of Schnader, Harrison, Segal and Lewis, STREET: 1600 Market Street, 39th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          31 TGTTGAGATCTTTATCCAGCA 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 method using it
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81.0%;
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Pred. No. 2
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Mismatches

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TELECOMMUNICATION INFORMATION:

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Matches

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Best Local Similarity
Watches 16; Conserve
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Patent No.
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (215) 568-6946
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                   NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/60/017,824
FILING DATE: 17-MAY-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
                                                                                          FEATURE:
                                                                                                        MOLECULE TYPE:
                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Goodfell TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: li
                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/0 FILING DATE: 16-MAY-1997
                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 34 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         33 TGGGCATCTGTGTCCTGCA 15
                                                                                                                                                                                                                                TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
                                                                          NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Boston
                                                                                                                                                                                                                                                                                          Kathleen M. Williams
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Massachusetts
                                                                                                                                                                   43 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       75 State Street
                                                                                                                                                                                                                     617-345-9111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Goodfellow, P.N.
IVENTION: METHODS FOR IDENTIFYING
IVENTION: GENE OF INTEREST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                         primer Pax6Mm200r
                                                                                                                                                                                                                                 617-345-9100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Banner & Witcoff,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (215) 563-1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           other DNA; synthetic DNA
                                                                                                        other nucleic acid
54.6%;
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            Score 14.2;
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Pred. No. 4.
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            DB 2;
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            Length 43;
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RESULT
US-09-038-227-53/c
US-09-038-227-53/c
; Sequence 53, Application US/09038227
; Sequence 53, Patent No. 5917029
; Patent No. 5917029
; GENERAL INFORMATION:
; APPLICANT: Yu, Su-May
TITLE OF INVENTION: SUGAR-RESPONSIVE ENHANCERS
TITLE OF INVENTION: IN ALPHA-AMYLASE GENES
RUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
                                                                                                                                                                                                                                                                    망
                                                                                                                                                                                                                                                                                                                                                                                                                                 ; NAME/KEY: primer Pax6Mm200r
US-08-970-740-156
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Best Local Similarity
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Patent No. 6015670
                                                                                                                                                                                                                                                                                                                                              Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3529/59829
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-227-711
TELEFAX: 617-227-4399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: GOODFELOW, P.N.
TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A TITLE OF INVENTION: GENE OF INTEREST
NUMBER OF SEQUENCES: 162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 43 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/857,946
FILING DATE: 16-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/017,824
FILING DATE: 17-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                    12 TATGACCATCTTTCTCCAG 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
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28 State Street, 28th Floor
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                                                                                                                                                                                                                                                                                                                                            Conservative
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linear
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Pred. No. 4
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3;
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                                                                                                                                                                                                                                                                                                                                          Indels
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                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: FISH PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
          CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/032,156
FILING DATE: 29-NOV-1996
                                                                                                                                                                                                                                                                                                                                 APPLICANT: Ilm n, Marja
APPLICANT: Onnela, Maija-Leena
APPLICANT: Penttil, Merja
TITLE OF INVENTION: New Promoters and Uses Thereof
NUMBER OF SEQUENCES: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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REFERENCE/DOCKET NUMBER: 05
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: Fast-SEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: 1. MOLECULE TYPE:
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
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TELEFAX: VI
200154
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TTTY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: FILING DATE: Herew
                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 20005-3934
                                                                                                                                                                                                                                                                                    STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/0 FILING DATE: 11-MAR-1998
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ZIP: 02110-2804
                                                                                                                                                                                                                                                                      CITY: Washington
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1100 New York Avenue,
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, Y. Rocky
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                                                                                                  us/09/066,597
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                                                                                                                                  Version #1.30
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NAME/KEY: misc_feature

; LOCATION: (1)..(37)

; OTHER INFORMATION: apc probe apc-1378

US-09-277-016-3
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                                                                                                                                                                                                                                                                      EARLIER FILING DATE: 1996-08-14
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PATENTIN VEr. 2.0
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Lapidus, Stanley N
APPLICANT: Shuber, Anthony P
TITLE OF INVENTION: Methods for improving sensitivity and specificity of
TITLE OF INVENTION: screening assays
                                                                 Query Match
Best Local Similarity
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Best Local Similarity
Matches 17; Conserv
                                                     Matches
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                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: EXT-030
CURRENT APPLICATION NUMBER: US/09/277,016
CURRENT FILING DATE: 1999-03-26
EARLIER APPLICATION NUMBER: 08/876,857
EARLIER FILING DATE: 1997-06-16
EARLIER APPLICATION NUMBER: 08/700,583
                                                                                                                                                                                                                                      LENGTH: 37
TYPE: DNA
                                                                                                                                                                                                                  ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (202) 371-2540 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/F197/00742
FILING DATE: 01-DEC-1997
ATTORNEY/AGENT INFORMATION:
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4 ttgtggccatctttgtccag 23
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TOPOLOGY: lin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Kim, Judith U.
REGISTRATION NUMBER: 40,679
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                                                    Conservative
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10-MAR-1997
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26-NOV-1997
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80.0%;
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                                                            Score 13.6; DB 3; Length 37; Pred. No. 8.1e+02;
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                                                  Mismatches
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; DESCRIPTION:
US-09-066-597-15
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Best Local Similarity
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APPLICATION NUMBER: US 08/980,061
FILING DATE: 26-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/F197/00742
FILING DATE: 01-DEC-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                  TELEFAX: (202) 371-2540 INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 40,679
REFERENCE/DOCKET NUMBER: 17
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: US 6:
FILING DATE: 29-NOV-1996
PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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APPLICANT: Onnela, Maija-Leena
APPLICANT: Penttil, Merja
TITLE OF INVENTION: New Promoters and Uses Thereof
NUMBER OF SEQUENCES: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
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   21
                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 6 FILING DATE: 10-MAR-1997
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                   1 ttattgtggccatctttgtc
                                                                                                                                                                                                               TOPOLOGY:
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OPERATING SYSTEM: PC-DOS/MS-DOS
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ZIP: 20005-3934
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                                                                                                                                                                                                                                                                LENGTH:
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TTAATGAGGCTATCTTTATC 40
                                                                      16;
                                                                                                                                                                                                                                            : 41 base pairs nucleic acid
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                                                                     Conservative
                                                                                                                                                                                                               linear
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                                                                                                                                                                        other nucleic acid
/desc = "oligonucleotide"
                                                                                                                                                                                                                           single
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                                                                                 52.3%; Score 13.6; DB 3; 80.0%; Pred. No. 8.3e+02;
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                                                                     Mismatches
                                                                                                     DB 3;
                                                                                                   Length 41;
                                                                     Indels
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                                                                 Gaps
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RESULT 10 US-08-155-938-37

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; MOLECULE TYPE: 1
; ORIGINAL SOURCE: 
; ORGANISM: Hep. 
US-08-155-938-37
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                                                                                                                                                                   US-08-155-938-38/c
                                                                                                                                    Sequence 38, Appl Patent No. 600482
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                                                                                                                                                                                                                                                                                                                       Query Match
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                                                                                                      GENERAL INFORMATION:
APPLICANT: Segev, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Rel
CURRENT APPLICATION DATA:
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APPLICATION NUMBER:
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                                         CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
FILING DATE: 28-OCT-
                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                         Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
CLASSIFICATION:
            STREET:
                                                                                                                                                                                                                              24 TGGGGGCCAAGTCTGTACAGCAT 46
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                            ADDRESSEE:
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New York
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                                                                                                                                                    Application US/08155938
           E: ImClone Systems Incorporated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          180 Varick Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            58 base pairs
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Irving N.
28,601
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NUCLEIC
                                                                         PROCESS FOR AMPLIFYING NUCLEIC ACID SEQUENCES
                                                                                                                                                                                                                                                                                                         51.5%;
73.9%;
                                                           42
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                                                                                                                                                                                                                                                                                                         Score 13.4; DB 3; Pred. No. 1.1e+03;
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                                                                                         AND DETECTING
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Best Local Similarity
Matches 17; Conserv
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INFORMATION FOR SEQ ID NO:
    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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ORIGINAL SOURCE:
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                                                                                      COMPUTER READABLE FORM:
                                                                                                                                                                                                               NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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APPLICATION NUMBER:
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APPLICATION NUMBER:
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                                                                                                                                           STREET: 1755 SUCCITY: ARLINGTON
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                                                                                                       COUNTRY: UZIP: 22202
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1755 SOUTH JEFFERSON DAVIS HIGHWAY,
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SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                               OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT
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                                                                                                                                                                                                                                                                                          SHIGEKI
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Pred. No. 1.1e+03;
0; Mismatches 6;
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Length 58

0;

Gaps

PRIOR APPLICATION DATA:

26-JUL-1996

PCT/JP96/02121

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

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; Sequence 57, Appli
; Patent No. 5869283
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                                                                                                                                                                                                               COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/418,085
                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: [FILING DATE: 26-APR-]
CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY
                                   PRIOR APPLICATION DATA:
                                                                                        PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: SLIKHUIS, HERMAN; SELTEN, GERARDUS CORNELIS
APPLICANT: MARIA; SMAAL, ERIC BASTIAN
TITLE OF INVENTION: PROCESS FOR OXIDATION OF STEROIDS AND
TITLE OF INVENTION: GENETICALLY ENGINEERED CELLS USED THEREIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 2461
REFERENCE/DOCKET NUMBER:
                                                        FILING DATE:
                                                                       APPLICATION NUMBER:
                                                                                                                                                                                    CLASSIFICATION: 435
                                                                                                                                                                                                APPLICATION NUMBER: US/0 FILING DATE: 06-APR-1995
                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                 CITY: NEW YORK
STATE: NEW YORK
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APPLICATION NUMBER: US/07/474,857 FILING DATE: 30-OCT-1990
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15; Conser
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                                                                                                                            26-APR-1993
                                                      11-JAN-1993
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/desc = "SYNTHETIC DNA"
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83.3%;
                                                                       US/08/002,608
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Pred. No. 1
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US-09-099-011A-57/c
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Patent No.
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Best Local
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INFORMATION FOR SEQ ID NO:
         FILING DATE: 17-JUN-1230
PRIOR APPLICATION DATA:
08/418,085
                                                                        COMPUTER: IBM PC COMPATIB
OPERATING SYSTEM: PC-DOS/
SOFTWARE: MICROSOFT WORD
CURRENT APPLICATION DATA:
                                                                                                                                                                                         STREET: OUT TORK CITY: NEW YORK STATE: NEW YORK
                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
                                                                                                                                                                                                                                                                                                                                                   APPLICANT: SLIJKHUIS, HE
APPLICANT: GERARDUS CORNI
APPLICANT: ERIC BASTIAAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 06-MAY-88
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL/88/202080.3
FILING DATE: 03-SEP-88
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: TITLE OF INVENTION:
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LENGTH: 27
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
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APPLICATION NUMBER: FILING DATE: 06-API
                                              APPLICATION NUMBER: US/U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               24 TGTGGACATTTTGTCGA 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         IDENTIFICATION METHOD: OTHER INFORMATION: PRIMER ADR4, FIGURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/07, FILING DATE: 16-JULY-1990
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                                                                                                                                                                                                                                                                                                                                                                                                                    57, Application US/09099011A
o. 6171836
                                                                                                                                                             USA
10016
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15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                  SLIJKHUIS, HERMAN; SELTEN,
GERARDUS CORNELIS MARIA; SMAAL,
                                                                                            IBM PC COMPATIBLE SYSTEM: PC-DOS/MS-DOS MICROSOFT WORD 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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                                                                                                                                                                                                                                                          BIERMAN, MUSERLIAN & LUCAS
                                                                                                                                                                                                                                           THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             25-SEPT-1989
   06-APR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ) 661-8002
NO: 57:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SINGLE
                                                                                                                                                                                                                                                                                                     PROCESS FOR OXIDATION OF STEROIDS AND GENETICALLY ENGINEERED CELLS USED THEREIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PCT/NL89/00072
                                                              US/09/099,011A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 13.2;
Pred. No. 1
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Gaps

PRIOR APPLICATION DATA:

APPLICATION NUMBER: FILING DATE: 26-APP

APPLICATION NUMBER: 08/002, FILING DATE: 11-JAN-1993

08/002,608

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                                                                                                                                                                                                                                                                                                                                                              Sequence 52, Application US/08418085 Patent No. 5869283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: SLIJKHUIS, HERMAN; SELTEN, GERARDUS CORNELIS
APPLICANT: MARIA; SMAAL, ERIC BASTIAN
TITLE OF INVENTION: PROCESS FOR OXIDATION OF STEROIDS AND
TITLE OF INVENTION: GENETICALLY ENGINEERED CELLS USED THEREIN
NUMBER OF SEQUENCES: 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 27 BASE PAIRS
                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/474,857
FILING DATE: 30-0CT-1990
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 146.1169-
REFERENCE/DOCKET NUMBER: CON-1-DIV-2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: NL88/200904.6
FILING DATE: 06-MAX-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL/88/202080.
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                                                                                                                                                        STREET: 600 THIKE
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
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nes 15; Conserv
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                                                                                                                                 COUNTRY: U:
ZIP: 10016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION:
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DEDNESS: SINGLE
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                                                                                                                                              USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (212) 661-8000
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16-JULY-1990
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     US/08/418,085
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Pred. No. 1.2e+03;
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Gaps

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Search completed: March
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Best Local S
Matches 15
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APPLICATION NUMBER: US/07/474,798
FILING DATE: 16-JULY-1990
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APPLICATION NUMBER: US/08/002,608
FILING DATE: 11-JAN-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL/88/202080.3
FILING DATE: 03-SEP-88
ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: US/08/054,185
                                                                                  24 TGTGGACATTTTTGTCGA 7
                                                                                                                                                        Local Similarity
nes 15; Conserv
                                                                                                                                                                                                                                                        IDENTIFICATION METHOD:
OTHER INFORMATION: OLIGOMER ADR-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: CHARLES A. MUSERLIAN REGISTRATION NUMBER: 19,68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: NL, FILING DATE: 06-MAY-88
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EDNESS: SINGLE
                                                                                                                                                        Conservative
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83.3%;
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                                                                                                                                                                      Score 13.2; DB 2;
Pred. No. 1.2e+03;
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                                                                                                                                                        Mismatches
                                                                                                                                                                                      Length 36;
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